Table K2. - Soil Features

Pocahontas County, West Virginia

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind	to Top	Thickness	Hardness				Steel	
		In	In		In	In			
AlB:									
Allegheny	---	---	---	---	---	---	---	Low	High
AlC:									
Allegheny	---	---	---	---	---	---	---	Low	High
At:									
Atkins	---	---	---	---	---	---	High	High	Moderate
BaB:									
Belmont	Bedrock (lithic)	40-60	---	---	---	---	Moderate	Moderate	Moderate
BaC:									
Belmont	Bedrock (lithic)	40-60	---	---	---	---	Moderate	Moderate	Moderate
BaD:									
Belmont	Bedrock (lithic)	40-60	---	---	---	---	Moderate	Moderate	Moderate

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
BbC: Belmont	Bedrock (lithic)	40-60	---	---	---	---	Moderate	Moderate	Moderate
BbE: Belmont	Bedrock (lithic)	40-60	---	---	---	---	Moderate	Moderate	Moderate
BbF: Belmont	Bedrock (lithic)	40-60	---	---	---	---	Moderate	Moderate	Moderate
BeB: Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
BeC: Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
BeD: Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
BeE: Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
BfC: Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High

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Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth	to Top	Thickness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind	to Top	Thickness	Hardness				Steel	
		In	In		In	In			
BfE:									
Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
BfF:									
Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
BgC:									
Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High
Other Soils	---	---	---	---	---	---	---	---	---
BgE:									
Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High
Other Soils	---	---	---	---	---	---	---	---	---
BgF:									
Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
BgF:									
Other Soils	---	---	---	---	---	---	---	---	---
BhG:									
Berks	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Weikert	Bedrock (paralithic)	10-20	---	---	---	---	Moderate	Moderate	Moderate
Calvin	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Low	Moderate
Other Soils	---	---	---	---	---	---	---	---	---
BlC:									
Blackthorn	---	---	---	---	---	---	Low	Moderate	High
BlE:									
Blackthorn	---	---	---	---	---	---	Low	Moderate	High
BlF:									
Blackthorn	---	---	---	---	---	---	Low	Moderate	High
BoB:									
Blairton	Bedrock (paralithic)	20-40	---	---	---	---	High	High	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
BrF:									
Briery	---	---	---	---	---	---	Moderate	Low	Low
Other Soils	---	---	---	---	---	---	---	---	---
Rock Outcrop	Bedrock (lithic)	0	---	---	---	---	---	---	---
CaC:									
Calvin	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Low	Moderate
CbC:									
Calvin	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Low	Moderate
CbE:									
Calvin	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Low	Moderate
CbF:									
Calvin	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Low	Moderate
CdC:									
Calvin	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Low	Moderate
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness		Initial	Total	Action	Uncoated
	Concrete Kind	to Top	Thickness	Hardness				Steel	
		In	In			In	In			
CdC:										
Berks	Bedrock (paralithic)	20-40	---	---		---	---	Low	Low	High
Other Soils	---	---	---	---		---	---	---	---	---
CdE:										
Calvin	Bedrock (paralithic)	20-40	---	---		---	---	Moderate	Low	Moderate
Dekalb	Bedrock (lithic)	20-40	---	---		---	---	Low	Low	High
Berks	Bedrock (paralithic)	20-40	---	---		---	---	Low	Low	High
Other Soils	---	---	---	---		---	---	---	---	---
CdF:										
Calvin	Bedrock (paralithic)	20-40	---	---		---	---	Moderate	Low	Moderate
Dekalb	Bedrock (lithic)	20-40	---	---		---	---	Low	Low	High
Berks	Bedrock (paralithic)	20-40	---	---		---	---	Low	Low	High
Other Soils	---	---	---	---		---	---	---	---	---

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Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth	to Top	Thickness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind	to Top	Thickness	Hardness				Steel	
		In	In		In	In			
CeB:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
CeC:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
CeD:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
CfC:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
CfE:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
CfF:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
CfG:									
Cateache	Bedrock (paralithic)	20-40	---	---	---	---	Moderate	Moderate	Moderate
Ch:									
Chavies	---	---	---	---	---	---	---	Low	Moderate

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
CuB:									
Culleoka	Bedrock (paralithic)	20-40	---	---	---	---	---	Low	Moderate
CuC:									
Culleoka	Bedrock (paralithic)	20-40	---	---	---	---	---	Low	Moderate
CuD:									
Culleoka	Bedrock (paralithic)	20-40	---	---	---	---	---	Low	Moderate
CuE:									
Culleoka	Bedrock (paralithic)	20-40	---	---	---	---	---	Low	Moderate
CuF:									
Culleoka	Bedrock (paralithic)	20-40	---	---	---	---	---	Low	Moderate
DhC:									
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High
Hazleton	Bedrock (lithic)	40	---	---	---	---	Moderate	Low	High
Other Soils	---	---	---	---	---	---	---	---	---
DhE:									
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
DhE:									
Hazleton	Bedrock (lithic)	40	---	---	---	---	Moderate	Low	High
Other Soils	---	---	---	---	---	---	---	---	---
DhF:									
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High
Hazleton	Bedrock (lithic)	40	---	---	---	---	Moderate	Low	High
Other Soils	---	---	---	---	---	---	---	---	---
DuB:									
Duffield	Bedrock (lithic)	48-99	---	---	---	---	Moderate	Moderate	Moderate
DuC:									
Duffield	Bedrock (lithic)	48-99	---	---	---	---	Moderate	Moderate	Moderate
ElF:									
Elliber	---	---	---	---	---	---	Moderate	Low	High
FaC:									
Faywood	Bedrock (lithic)	20-40	---	---	---	---	---	High	Moderate

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Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind	to Top	Thickness	Hardness				Steel	
		In	In		In	In			
FaE:									
Faywood	Bedrock (lithic)	20-40	---	---	---	---	---	High	Moderate
FaF:									
Faywood	Bedrock (lithic)	20-40	---	---	---	---	---	High	Moderate
GaC:									
Gauley	Bedrock (lithic)	20-40	---	---	---	---	Moderate	Low	High
Trussel	---	---	---	---	---	---	---	---	---
GaE:									
Gauley	Bedrock (lithic)	20-40	---	---	---	---	Moderate	Low	High
Ho:									
Holly	---	---	---	---	---	---	High	High	Moderate
LeC:									
Leatherbark	---	---	---	---	---	---	---	---	---
LlB:									
Lily	Bedrock (lithic)	20-40	---	---	---	---	---	Moderate	High
LlC:									
Lily	Bedrock (lithic)	20-40	---	---	---	---	---	Moderate	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
LID:									
Lily	Bedrock (lithic)	20-40	---	---	---	---	---	Moderate	High
Lo:									
Lobdell	---	---	---	---	---	---	High	Low	Moderate
Holly	---	---	---	---	---	---	---	---	---
LyB:									
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
LyC:									
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
MaB:									
Macove	---	---	---	---	---	---	Moderate	Moderate	Moderate
MaC:									
Macove	---	---	---	---	---	---	Moderate	Moderate	Moderate
MaD:									
Macove	---	---	---	---	---	---	Moderate	Moderate	Moderate
McC:									
Macove	---	---	---	---	---	---	Moderate	Moderate	Moderate

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
McE:									
Macove	---	---	---	---	---	---	Moderate	Moderate	Moderate
MdC:									
Mandy	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Trussel	---	---	---	---	---	---	---	---	---
MdD:									
Mandy	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
MfC:									
Mandy	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Trussel	---	---	---	---	---	---	---	---	---
MfE:									
Mandy	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Trussel	---	---	---	---	---	---	---	---	---
MfF:									
Mandy	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer					Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
MfG:									
Mandy	Bedrock (paralithic)	20-40	---	---	---	---	Low	Low	High
Mh:									
Medihemists	---	---	---	---	---	---	---	---	---
MrB:									
Mertz	---	---	---	---	---	---	Moderate	Moderate	High
MzC:									
Mertz	---	---	---	---	---	---	Moderate	Moderate	High
MzE:									
Mertz	---	---	---	---	---	---	Moderate	Moderate	High
Or:									
Orrville	---	---	---	---	---	---	High	High	Moderate
Holly	---	---	---	---	---	---	---	---	---
Ph:									
Philo	Bedrock (lithic)	40	---	---	---	---	Moderate	Low	High
Atkins	---	---	---	---	---	---	---	---	---

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Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
Po:									
Potomac	---	---	---	---	---	---	Low	Low	Moderate
Holly	---	---	---	---	---	---	---	---	---
Pt:									
Potomac	---	---	---	---	---	---	Low	Low	Moderate
Fluvaquents	---	---	---	---	---	---	---	---	---
Holly	---	---	---	---	---	---	---	---	---
Pu:									
Purdy	---	---	---	---	---	---	High	High	High
Sc:									
Sees	Bedrock (lithic)	40	---	---	---	---	---	Moderate	Low
Unnamed Series	---	---	---	---	---	---	---	---	---
Se:									
Sensabaugh	---	---	---	---	---	---	---	Low	Low

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Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
ShB:									
Shouns	---	---	---	---	---	---	---	Moderate	Moderate
ShC:									
Shouns	---	---	---	---	---	---	---	Moderate	Moderate
SsC:									
Shouns	---	---	---	---	---	---	Moderate	Moderate	Moderate
SsE:									
Shouns	---	---	---	---	---	---	Moderate	Moderate	Moderate
SsF:									
Shouns	---	---	---	---	---	---	Moderate	Moderate	Moderate
SwE:									
Snowdog	---	---	---	---	---	---	Moderate	Moderate	High
Tg:									
Tioga	---	---	---	---	---	---	Moderate	Low	Moderate
TrC:									
Trussel	---	---	---	---	---	---	High	High	High

Distribution Generation Date: 5/20/02

Table K2. - Soil Features - Continued

Pocahontas County, West Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost	Risk of Corrosion	
	Kind	Depth to Top	to Top Thickness	Thickness Hardness	Hardness	Initial	Total	Action	Uncoated
	Concrete Kind							Steel	
		In	In		In	In			
Uf:									
Udlfluvents	---	---	---	---	---	---	---	---	---
Fluvaquents	---	---	---	---	---	---	---	---	---
Other Soils	---	---	---	---	---	---	---	---	---
Us:									
Udorthents	---	---	---	---	---	---	---	---	---
W:									
Water	---	---	---	---	---	---	---	---	---
WeC:									
Weikert	Bedrock (paralithic)	10-20	---	---	---	---	Moderate	Moderate	Moderate
WeD:									
Weikert	Bedrock (paralithic)	10-20	---	---	---	---	Moderate	Moderate	Moderate
WeF:									
Weikert	Bedrock (paralithic)	10-20	---	---	---	---	Moderate	Moderate	Moderate